PATENT COOPERATION TREATY





INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of Transmittal of International Search Report							
664229	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.							
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)						
PCT/JP 03/15904	11/12/2003	11/12/2002						
Applicant		-						
AMMONO SP. Z O.O.								
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	ority and is transmitted to the applicant						
This International Search Report consists	of a total of sheets.							
X It is also accompanied by	a copy of each prior art document cited in this	report.						
Basis of the report								
a. With regard to the language, the	international search was carried out on the bas less otherwise indicated under this item.	sis of the international application in the						
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of the	ne international application furnished to this						
b. With regard to any nucleotide ar		ternational application, the international search						
was carried out on the basis of th contained in the internation	e sequence listing : onal application in written form.							
	ernational application in computer readable form	n.						
furnished subsequently to this Authority in written form.								
furnished subsequently to	this Authority in computer readble form.							
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.								
the statement that the inf furnished	ormation recorded in computer readable form is	s identical to the written sequence listing has been						
2. Certain claims were fou	ind unsearchable (See Box I).							
3. Unity of invention is lac	eking (see Box II).	•						
4. With regard to the title ,								
the text is approved as si	ubmitted by the applicant.							
	shed by this Authority to read as follows:							
PROCESS FOR OBTAINING	OF BULK MONOCRYSTALLINE GAL	LIUM-CONTAINING NITRIDE						
5. With regard to the abstract,								
	ubmitted by the applicant.							
the text has been establi	shed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rej	ty as it appears in Box III. The applicant may, port, submit comments to this Authority.						
6. The figure of the drawings to be pub	olished with the abstract is Figure No.	1						
as suggested by the app	licant.	None of the figures.						
because the applicant fa	iled to suggest a figure.							
X because this figure bette	r characterizes the invention.							

INTERNATIONAL SEARCH REPORT

International Application No PCT/JP 03/15904 CLASSIFICATION OF SUBJECT C30B9/00 C30B29/40 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C30B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages FR 2 796 657 A (THOMSON CSF) 1-4,1726 January 2001 (2001-01-26) cited in the application page 6, line 10 - page 8, line 18 WO 02/101120 A (KANBARA YASUO; NICHIA 1 - 17P,A CORP (JP); DORADZINSKI ROMAN MAREK (PL); DWILIN) 19 December 2002 (2002-12-19) cited in the application WO 98/55671 A (GRZEGORY IZABELLA ;KRUKOWSKI STANISDAW (PL); WROBLEWSKI MIROSDAW () 10 December 1998 (1998-12-10) the whole document US 6 177 057 B1 (PURDY ANDREW P) Α 23 January 2001 (2001-01-23) Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the citation or other special reason (as specified)

document is combined with one or more other such doc *O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but *&* document member of the same patent family later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 03/06/2004 25 May 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Cook, S Fax: (+31-70) 340-3016

Form PCT/ISA/210 (second sheet) (January 2004)

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